

SETH LADD

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PROFILE

Web Engineer; Ruby on Rails Specialist; Data Cruncher; Book Author; Conference Producer; Hacker; Tinkerer; Husband; Father

SKILLS

Software development (Agile, Pairing, Testing); Web application and REST engineering; Testing (Test::Unit, Shoulda, RSpec); Ruby, Java, Scala, a bit of C (many others); Databases, SQL (MySQL, PostgreSQL, MS SQL Server, Oracle); Databases, LesSQL (SimpleDB, Mongo, Hbase); ETL, Data Warehouses, Map/Reduce; Linux Systems; Team Leadership; Customer interaction, requirements gathering, briefings; Mentoring; System strategy and component tactics; Quick learning and adapting

EXPERIENCE

LEAD ENGINEER, PHASE TWO LABS; HONOLULU, HI — 10/2009-CURRENT

Very recent startup; delivering a Rails based hosted service for real-time metrics analysis and dashboards. Responsible for technical implementation, business direction and production.

PRODUCER, ALOHA ON RAILS; WAIKIKI, HI — 10/2009

Produced Aloha on Rails, the Hawaii Ruby on Rails Conference, 2 day conference in Waikiki. 160 attendees and top talent (Google, Yahoo, Engine Yard, Heroku, etc) from across Rails and web development communities. Managed all aspects of the event, including schedule, speakers, registrations, branding, sponsors, and attendees.

SENIOR ENGINEER, CAMBER CORP; HONOLULU, HI — 09/2005-CURRENT

Lead a team of eight developers. Designed, deployed, and supported multiple Rails web applications for OSD. Numerous in-person briefings to high level Pentagon officials, securing continued funding for project. Engineered large ETL system enhancements, reducing processing time and space by 95%. Managed, implemented, and delivered (ahead of schedule) rule based Rails application. Managed the development team, hirings, reviews, and customers. Developed experimental Map/Reduce implementation of ETL system. Developed experimental collaborative recommendation system.

LEAD ENGINEER, ERRORLYTICS.COM; HONOLULU, HI — 2008

Designed, developed, and deployed Rails based hosted service for real time analytics and 404 handling and redirection.

WEB ENGINEER, CONSULTANT, CHI.MP; HONOLULU, HI — 05/2008 - 07/2008

Developed core Chi.mp functionality and tests, with Ruby on Rails.

DATA WAREHOUSE CONSULTANT, CHIPIN; HONOLULU, HI — 02/2007 - 04/2007

Helped ChipIn design and develop a data warehouse and reporting system using Ruby, Ruby on Rails, and MySQL.

SENIOR ENGINEER, EHAWAII.GOV; HONOLULU, HI — 11/2003 - 09/2005

Direct policies for systems architecture, software development, and information security. Lead a team of six developers. Lead engineer for Business Registration system, integrating workflow and multiple state partners. Lead engineer on SSO implementation. Mentored staff, gathered requirements from customers and partners, and wrote and deployed a lot of Java.

WEB ENGINEER, CONSULTANT, INTERACTIVE STRATEGIES; WASHINGTON, DC — 02/2003 - 06/2003

Architected and developed content management and presentation system for publishing client, with PHP, Smarty, and MySQL.

SENIOR SOFTWARE ARCHITECT, BRIVO SYSTEMS; ROSSLYN, VA — 06/2000 - 09/2003

Architected and developed J2EE system for distributed access control panels. Implemented as RDF over HTTP via REST protocol, including RDF schema. Architected and developed client software, running on embedded Linux system. Developed JNI glue to communicate with Cingular wireless network.

SYSTEMS SOFTWARE DEVELOPER, ROCHESTER INST. OF TECH.; ROCH., NY — 04/1997 - 08/1998

Added SASL authentication to OpenLDAP project. Assisted with various Digital/Compaq Tru64 systems programming projects.

SOFTWARE DEVELOPER, NEC; SYRACUSE, NY — 04/1997 - 08/1998

Developed Java based web hosted network access control system for large university network routers. Wrote a Java RADIUS library for authentication, and communicated with Cisco routers to set authorization. The application was developed with Java, servlets, and the precursor to Tomcat. Developed graphical applet for XML based graphing and trend analysis of network performance.

WEB DEVELOPER, OCM/BOCES; SYRACUSE, NY — 06/1996 - 08/1996

Designed and developed interactive website for NY State Educational Standards. Presented web technologies to Educators and Technology conference.

EDUCATION

Rochester Institute of Technology — Information Technology, Honors, 2000

PUBLICATIONS

Book, Contributor - Building Spring 2 Enterprise Applications, APress, 2007

Book, Lead Author - Expert Spring MVC and Web Flow, APress, 2006

Article - JRendezvous and Servlets - O'Reilly's macdevcenter.com, 2003

TRAINING

Aloha on Rails (Producer) - Waikiki, HI, 2009

Advanced Rails Studio - Reston, VA, 2008

RailsConf - Portland, OR, 2007

The Spring Experience - South Florida, 2005

The Server Side Symposium - Las Vegas, NV, 2005

San Diego Software Symposium - San Diego, CA 2004

Northern Virginia Software Symposium — Reston, VA, 2003

O'Reilly P2P Conference - Washington, DC, 2001

CERTIFICATIONS

Security Clearance, Secret - 2003-Current

Sun Certified Java 2 Programmer - 2003

AWARDS

Rails HackFest 07, Top 25 Rails Contributor - 2007

PRESENTATIONS/TRAINING

Aloha on Rails - Honolulu, HI - M.C. - 2009

Eclipse Users Group - Honolulu, HI - Presenter, Hadoop and Map Reduce - 2009

Honolulu Coders - Honolulu, HI - Presenter, Scala - 2007

RailsConf - Portland, OR - Lightning Talk, Dwarf data structure in Ruby - 2007

HJUG - Honolulu, HI - Presenter, Hibernate 3.1 - 2005

First Insurance - Honolulu, HI - Professional Trainer, Spring Framework - 2005

HJUG - Honolulu, HI - Presenter, Spring Framework - 2005

NOVAJUG - Tyson's Corner, VA - Presenter, JINI - 2002

TECHNOLOGIES (SAMPLING)

Ruby on Rails, 4 years; Capistrano, 1.5 years; Git, 1.5 years; TestUnit, 8 years; Shoulda, 1.5 years; RSpec, <1 year; Wide variety of Rails plugins, 4 years; Relational Databases + SQL, 12 years; Java, 13 years; XML, 10 years; HTTP, 9 years; Linux, 11 years; C, 9 years; Python, 2 years; Ruby, 5 years; Perl, 6 years; HTML, 14 years; RDF, 5 years

REFERRALS

Available upon request. Recommendations on LinkedIn (<http://www.linkedin.com/in/sethladd>)